

ESP® and TRM Update

CIP Collaborative Forum
April 12, 2013
Great River Energy

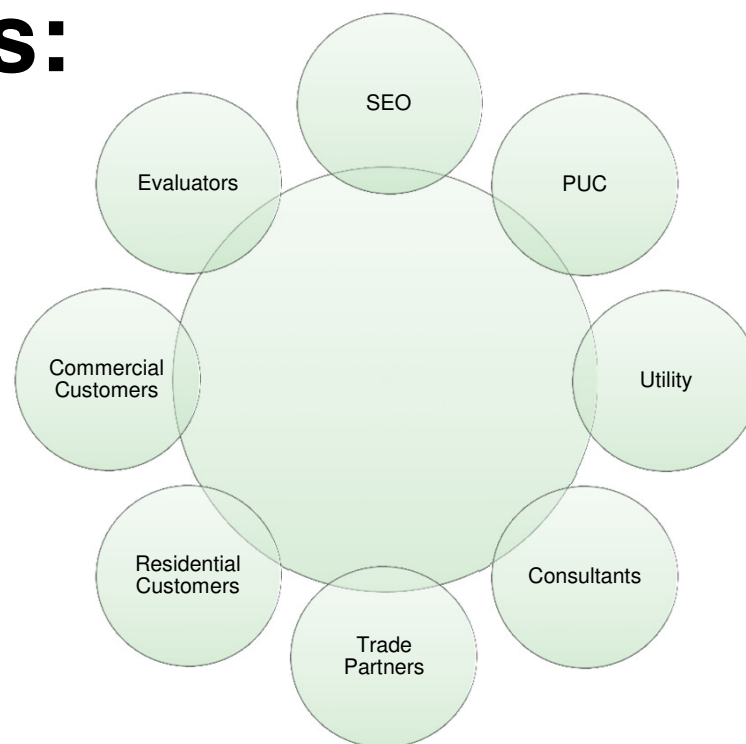
Joe Plummer
DSM Analysis & Engineering Support

Topics

- **ESP Basics**
- **ESP Milestones**
- **Highlights of ESP V1.4**
- **V1.4 Roll-out**
- **TRM Update**
- **ESP/TRM Linkage**

What is ESP?

- **A Cloud-based Platform for EE Programs. Two apps:**
 - **Program Management**
 - **Reporting**



ESP® is funded in part through Conservation Applied R&D (CARD) Grants from DER

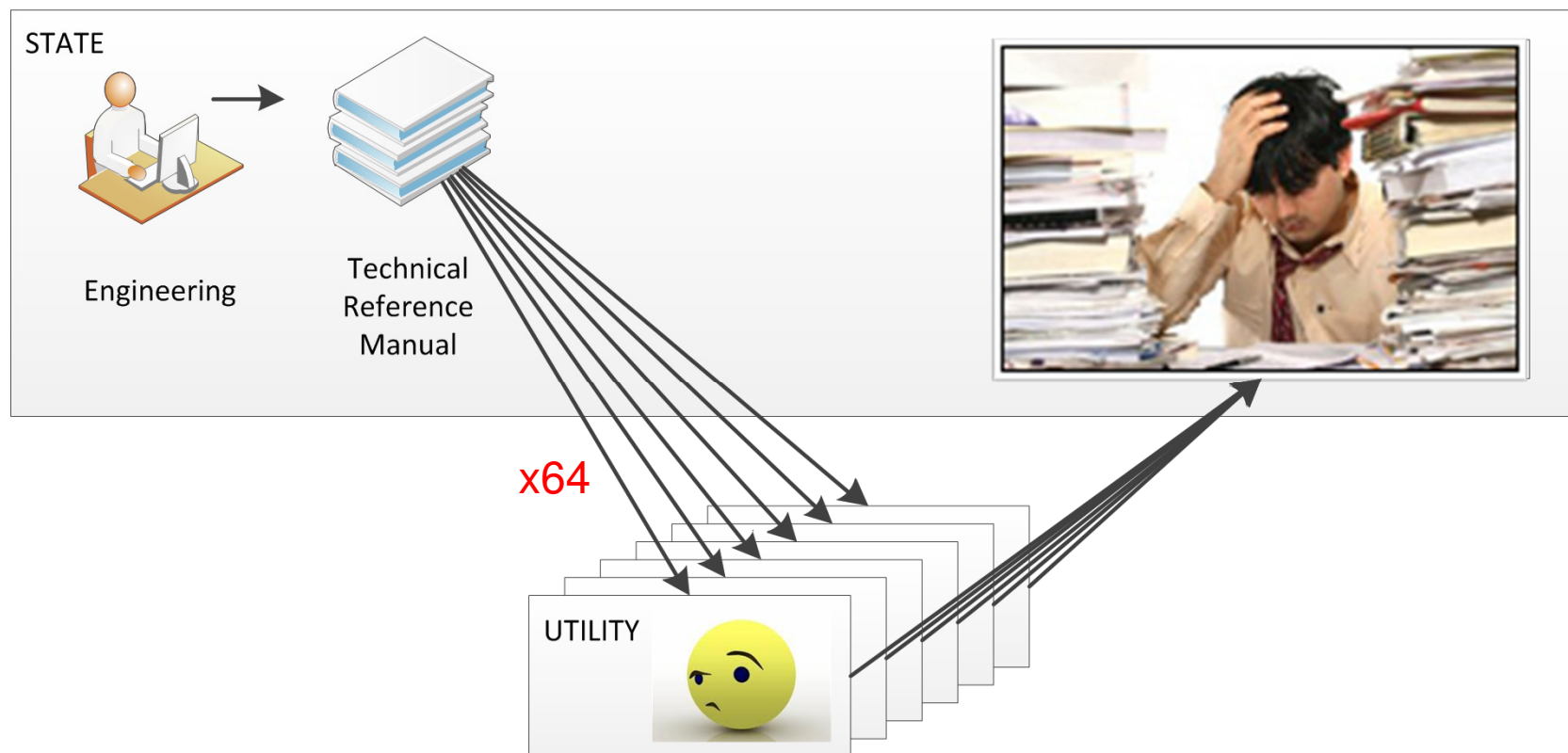
Why ESP?

- **Save Money**
- **More Savings**
- **Better Data**



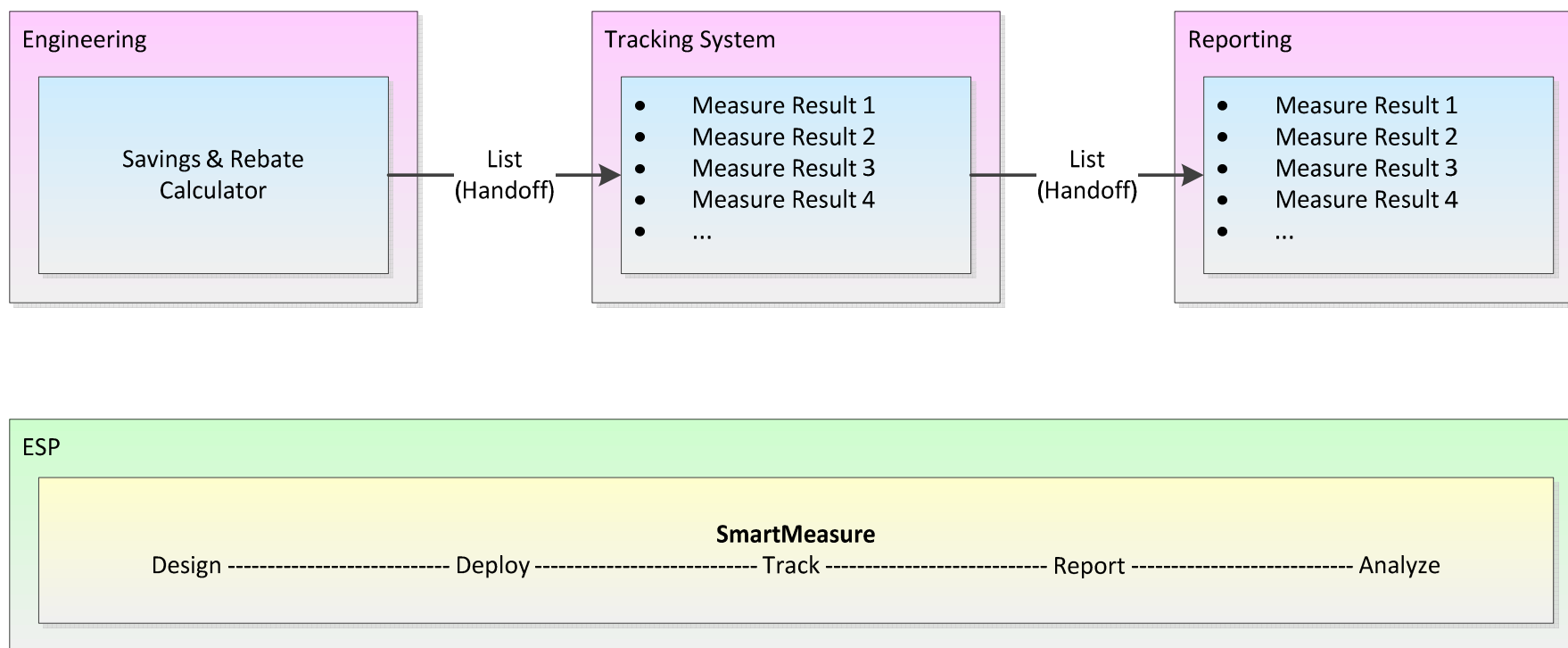
Why ESP?

- **Less Duplicated Effort**



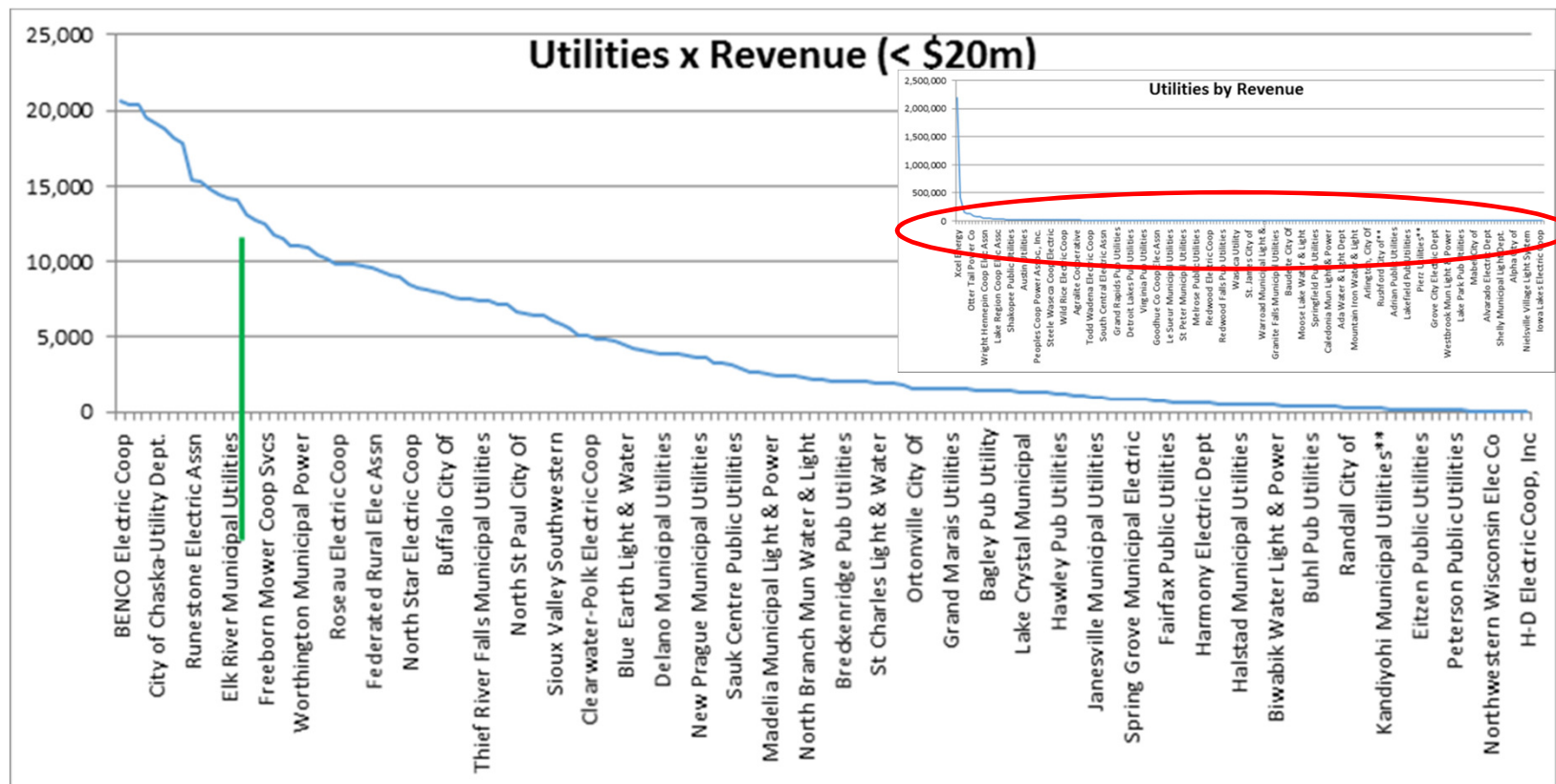
Why ESP?

- **Less Administrative Cost**



Why ESP?

- More Savings



Why ESP?

- **Better Data**
 - **Standardized calculators and assumptions**
 - **Centralized, accessible database**
 - **Measure-level data for deeper analysis**
 - **Data-driven decisions**

You can't manage what you don't measure!

ESP Milestones

- **2011: Web-based Reporting**
- **May 2012: V1.3 Released**
 - **Smart Measures™**
 - **Integration of TRM**
- **April 2013: V1.4 Beta Release**
- **May 2013: V1.4 Full Release**

Highlights of V1.4

- **Separate Management & Reporting Apps**
 - **Management Data: Private**
 - **Reporting Data: Public**
- **Time-Based Architecture**
- **Custom Workflows**
- **Visual Measure Designer**
- **Collaboration and Sharing Tools**

Separate Mgmt/Reporting Apps

Energy Savings Platform  Energy Platforms Inc.

Launch ESP ▶

Launch ESP Reporting

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[Smart Measures](#)

[States](#)

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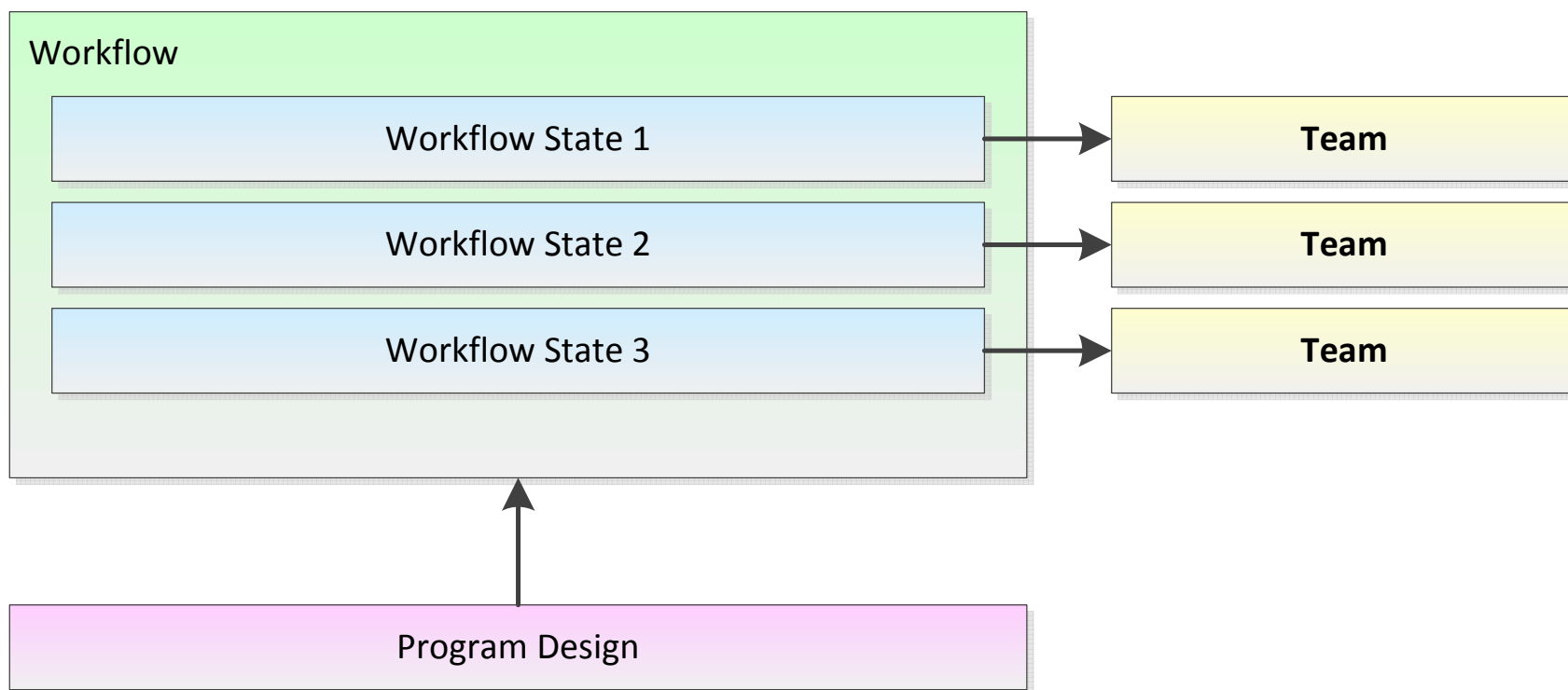
Save Energy + Save Money
Energy Savings Platform

Energy Savings Platform (ESP™)
is a cloud-based IT platform built
to help states and utilities **collaborate**
to **manage** and **report** on energy
efficiency programs.

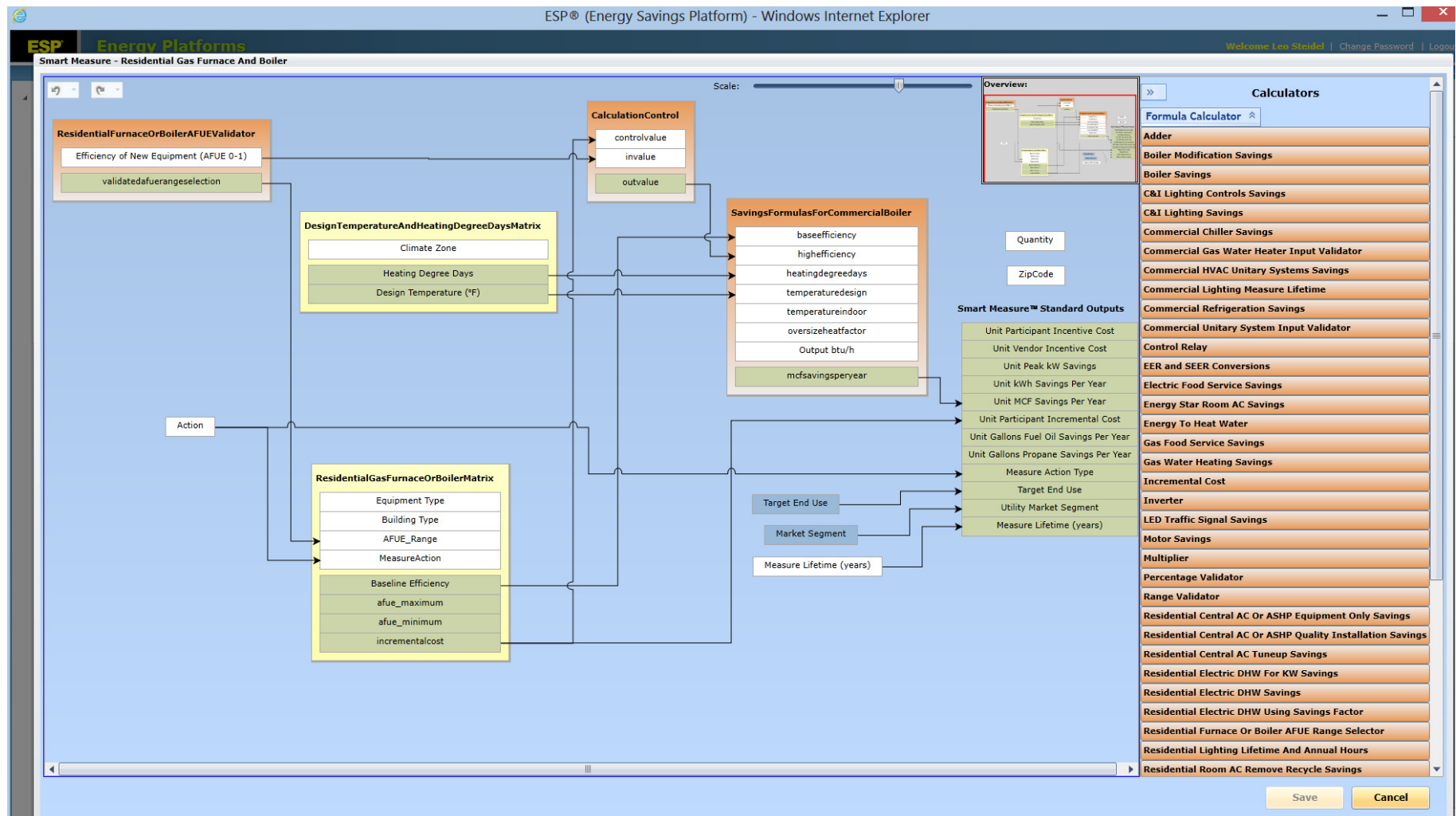
Time-based Architecture



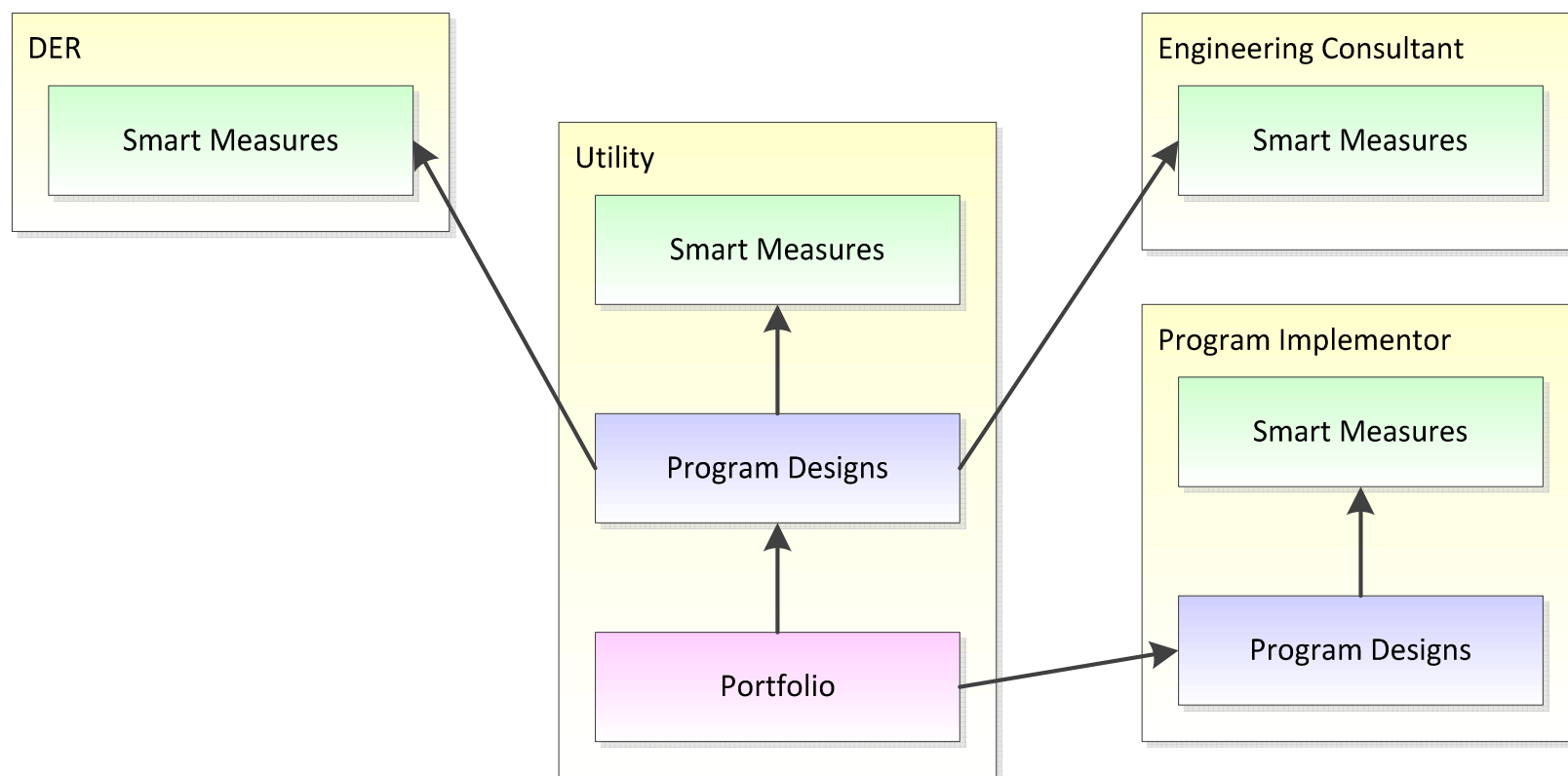
Custom Workflows



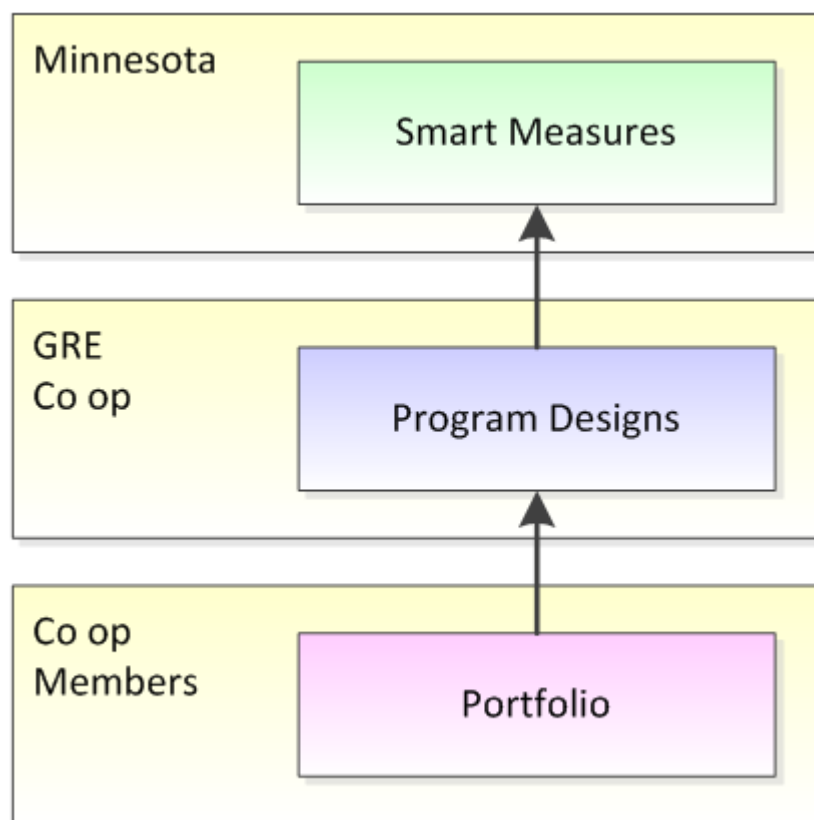
Visual Measure Designer



Collaboration & Sharing



Collaboration & Sharing



User-Friendly

- **Ready to use out of the box!**
 - Existing program designs will be transferred
 - Default teams, workflows
 - No need to use measure designer
 - Instructional videos and helpdesk support
- **Ability to publish to reporting system**



V1.4 Roll-Out

- **Pilot phase underway now**
- **Full release by end of month**
- **Reporting to remain in V1.3 for now**
 - **Interface updated for June 1 coop/muni reporting by end of month**
 - 2012 Program-level Results
 - 2014 Plans

TRM Update

- Comprehensive review/update by Franklin Energy in 2012 - **completed**
- Utility Advisory Board review - **completed**
- DER “Triage Process” - **completed**
- Public comment thru April 19
- Overview meeting TBA (changes, process)
- Workgroup meetings TBA

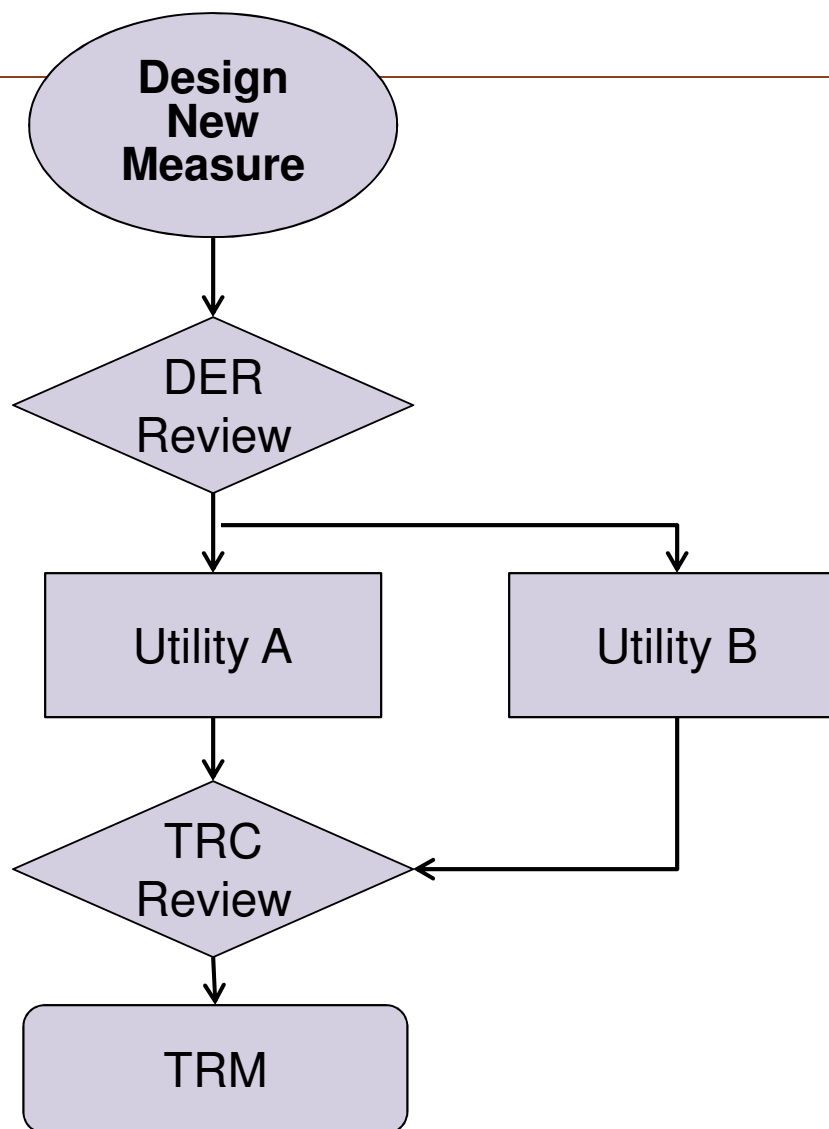
New Measures

Type	Residential	Commercial/Industrial
HVAC	Furnace ECMs	Destratification Fans
	Furnace Tune-up	VSDs
	Hearth	Demand Control Ventilation
		Energy Recovery Ventilation
		Air-side Economizers
		Heat Pump Systems
Hot Water	Heat Pump Water Heaters	Faucet Aerators
		Pre-Rinse Spray Valves
		Heat Pump Water Heaters
Other		C/A No Loss Drains
		VSD Compressors

TRM Roll-Out

- **Existing measures will remain in effect through end of 2013**
- **As new measures are approved, they will be posted and implemented in ESP for immediate use**
 - **Remain in effect through 2014, possibly later**

ESP/TRM Linkage



Thank you! Questions?

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